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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

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5-3-2021

## 2021-05-03\_MichiganOverview\_COVIDstats

Michigan Department of Health & Human Services

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*Cumulative Michigan COVID-19 Data*. 386.

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# Michigan Data

Hospitals

Long Term Care Facilities

Coronavirus Symptoms

Cumulative Recovered

Outbreak Reporting

School-Related Outbreak Reporting

Wastewater Surveillance

Testing Turnaround Time

MIS-C Data and Reporting

Data and Modeling Updates

**Note on cases (05/03/21):** Today's daily case count represents new referrals of confirmed cases to the MDSS since Saturday, May 1<sup>st</sup>. Over the two days, Sunday and Monday, the average number of new confirmed cases is ~2,517 per day.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

● 24-706

● 707-3045

● 3046-15968

● 15969-111937

● 111938+

Michigan

Monday, May 3, 2021

Michigan (Statewide) Case Fatality Rate

2.1%

Current Totals

Case Status	Cases	Deaths
Confirmed	849,420	17,771
Probable	96,312	1,151
Total	945,732	18,922

Laboratory Testing

Test Type	Tests Performed
Diagnostic	12,979,954
Serology	595,747
Total	13,575,701

Microsoft Power BI

< 1 of 7 >

Cases by Hispanic/Latino Ethnicity		
Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.25%	3.13%
Non-Hispanic Latino	69.16%	83.48%
Unknown	25.59%	13.39%

Totals may not add to 100% due to rounding

## PUBLIC USE DATASETS 05/03/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Arab Ethnicity		
Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.74%	1.69%
Non-Arab	48.91%	55.05%
Unknown	48.35%	43.26%

Totals may not add to 100% due to rounding



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POLICIES

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# Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 04/30/2021): 660,124

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on April 30, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to March 31, 2021. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



Have questions?  
Chat with Robin



[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



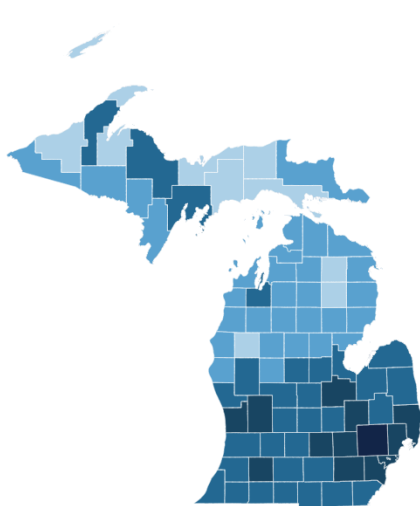
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

### Cases by County



- 24-706
- 707-3045
- 3046-15968
- 15969-111937
- 111938+

## Michigan

Monday, May 3, 2021

### Michigan (Statewide) Case Fatality Rate

2.1%

### Current Totals

Case Status	Cases	Deaths
Confirmed	849,420	17,771
Probable	96,312	1,151
<b>Total</b>	<b>945,732</b>	<b>18,922</b>

### Laboratory Testing

Test Type	Tests Performed
Diagnostic	12,979,954
Serology	595,747
<b>Total</b>	<b>13,575,701</b>

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

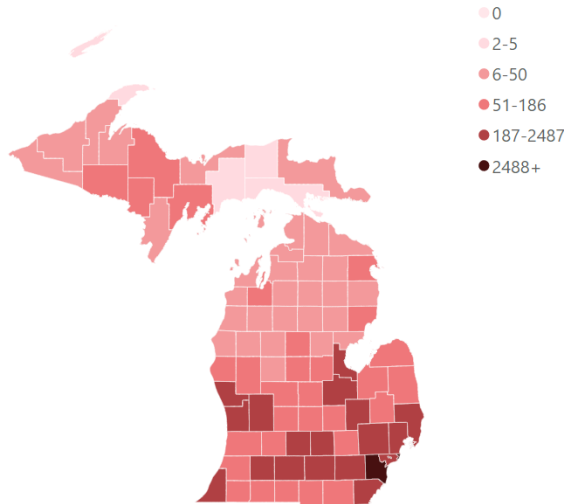
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

### Deaths by County



## Michigan

Monday, May 3, 2021

### Michigan (Statewide) Case Fatality Rate

2.1%

### Current Totals

Case Status	Cases	Deaths
Confirmed	849,420	17,771
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### Laboratory Testing

Test Type	Tests Performed
Diagnostic	12,979,954
Serology	595,747
<b>Total</b>	<b>13,575,701</b>

Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

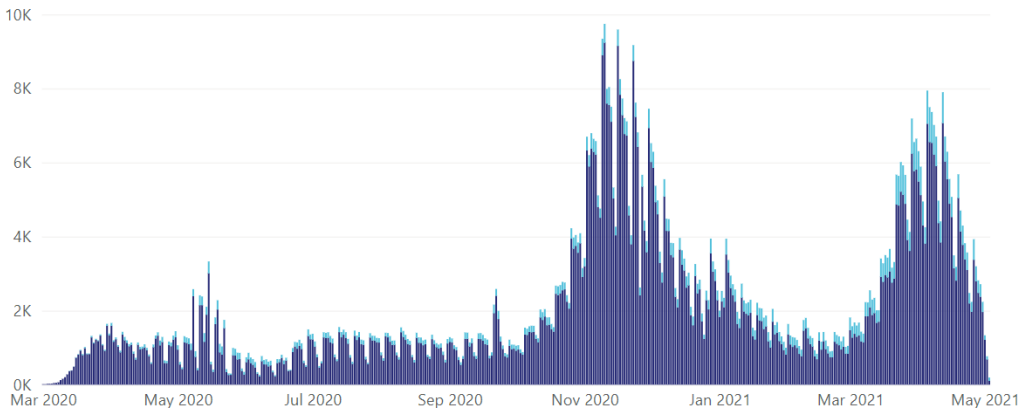
Filter by Date:

3/1/2020

5/3/2021

### Cases by Date of Onset

Case Status ● Confirmed ● Probable



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Deaths by Status

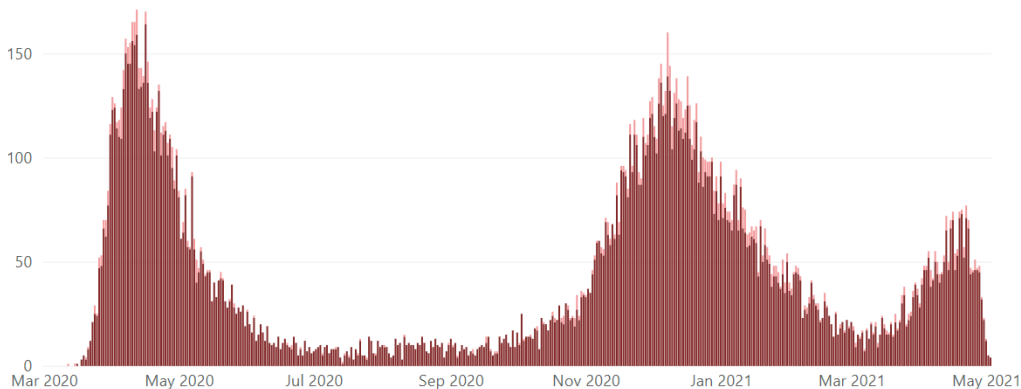
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020

5/3/2021

## Deaths by Date of Death

Case Status ● Confirmed ● Probable

View Table

View Chart

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive diagnostic test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

5/3/2021

### Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

0.8M

0.6M

0.4M

0.2M

0.0M

Mar 2020

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

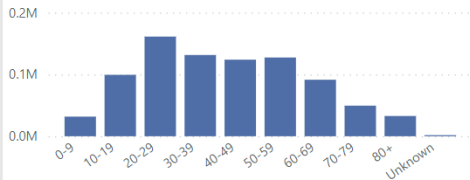
Select Preparedness Region:

All

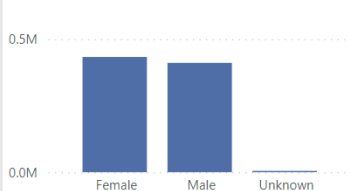
Select county:

All

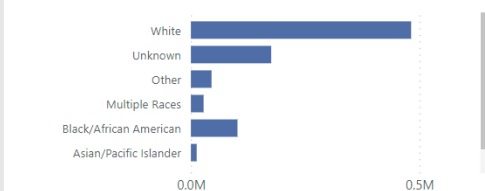
### Cases by Age Group



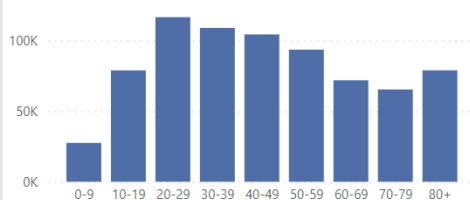
### Cases by Sex



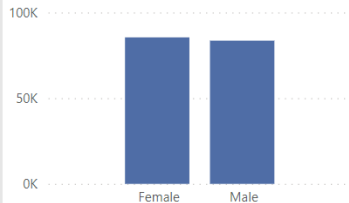
### Cases by Race



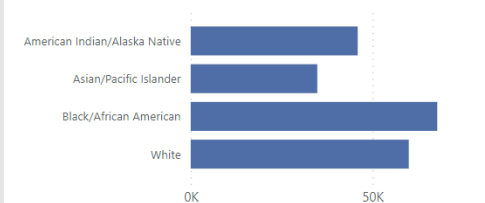
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

☐ Confirmed☒ Probable

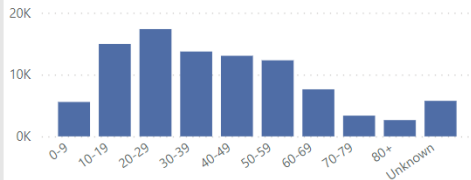
Select Preparedness Region:

All

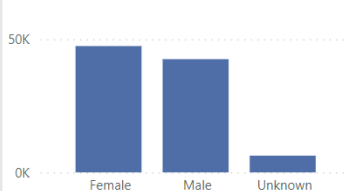
Select county:

All

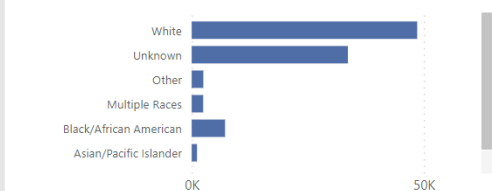
### Cases by Age Group



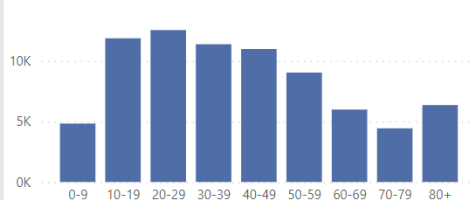
### Cases by Sex



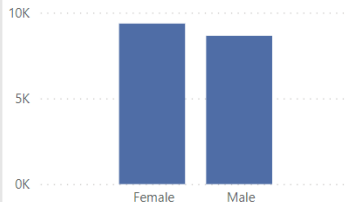
### Cases by Race



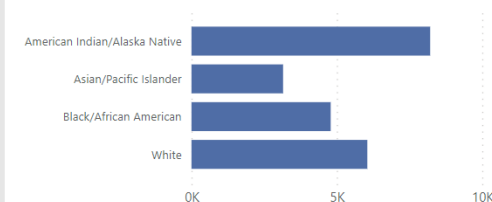
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

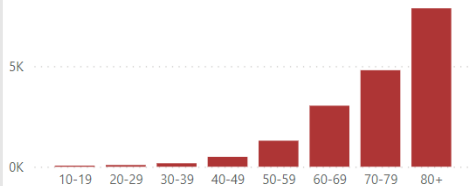
Select Preparedness Region:

All

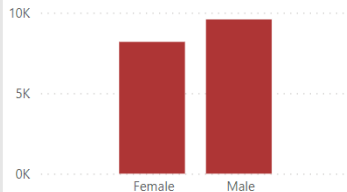
Select county:

All

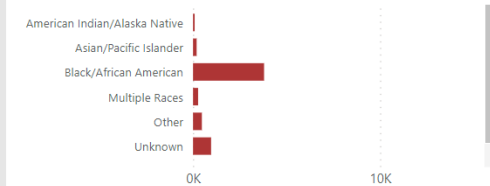
### Deaths by Age Group



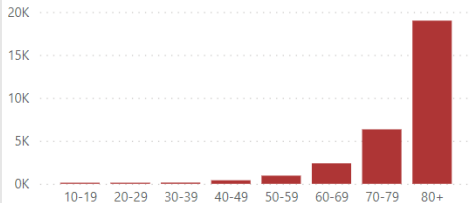
### Deaths by Sex



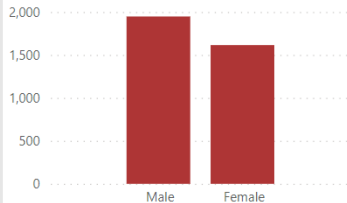
### Deaths by Race



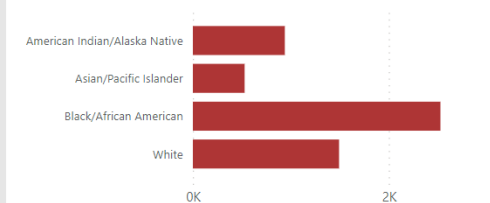
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

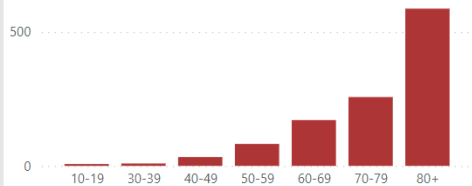
Select Preparedness Region:

All

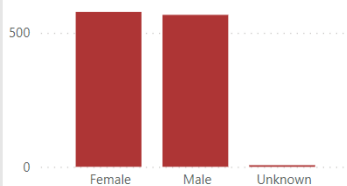
Select county:

All

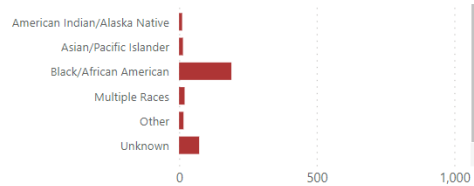
### Deaths by Age Group



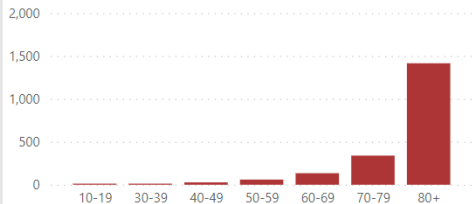
### Deaths by Sex



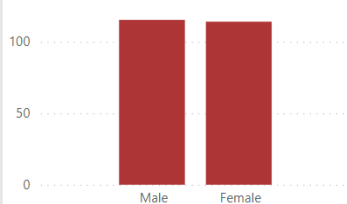
### Deaths by Race



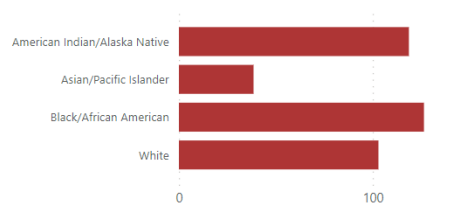
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

## Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

3/10/2020

5/2/2021

### Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

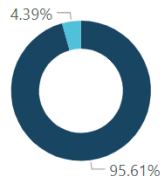
Mar 2021

May 2021

### Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	12,979,954	1,299,148
Serology	595,747	59,628
Total	13,575,701	1,358,775

### Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

[View Table](#)[View Charts](#)

Select Preparedness Region

All



Select County

All



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

## Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

Filter by Date

3/10/2020

5/2/2021

### Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

### Percent of Diagnostic Tests That Were Positive

60%

Positivity

40%

20%

0%

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

### Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

### How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

### How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

### Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

### Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

### Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

# PUBLIC USE DATASETS

## Cases and Deaths by County

### README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.



# **CASES AND DEATHS BY COUNTY 2021-05-03**

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/05/03 13:53:40	Alcona	579	23	128	5
2021/05/03 13:53:40	Alger	311	2	187	4
2021/05/03 13:53:40	Allegan	9365	108	1051	23
2021/05/03 13:53:40	Alpena	1701	58	397	1
2021/05/03 13:53:40	Antrim	1225	21	314	6
2021/05/03 13:53:40	Arenac	989	29	106	0
2021/05/03 13:53:40	Baraga	586	34	114	0
2021/05/03 13:53:40	Barry	5033	58	534	5
2021/05/03 13:53:40	Bay	10021	311	624	13
2021/05/03 13:53:40	Benzie	1024	32	204	1
2021/05/03 13:53:40	Berrien	13329	251	1415	19
2021/05/03 13:53:40	Branch	4171	90	432	4
2021/05/03 13:53:40	Calhoun	11536	253	2003	18
2021/05/03 13:53:40	Cass	4608	69	619	5
2021/05/03 13:53:40	Charlevoix	1225	20	349	0
2021/05/03 13:53:40	Cheboygan	1523	41	311	0
2021/05/03 13:53:40	Chippewa	1034	27	1352	5
2021/05/03 13:53:40	Clare	1924	73	366	1
2021/05/03 13:53:40	Clinton	5816	77	1489	5
2021/05/03 13:53:40	Crawford	874	13	61	0
2021/05/03 13:53:40	Delta	3237	69	640	19
2021/05/03 13:53:40	Dickinson	2357	58	320	16
2021/05/03 13:53:40	Eaton	8530	178	1187	9
2021/05/03 13:53:40	Emmet	1829	40	428	1
2021/05/03 13:53:40	Genesee	32291	811	7716	60
2021/05/03 13:53:40	Gladwin	1829	47	366	3
2021/05/03 13:53:40	Gogebic	1007	22	360	28
2021/05/03 13:53:40	Grand Traverse	5420	75	784	13
2021/05/03 13:53:40	Gratiot	3038	108	761	4
2021/05/03 13:53:40	Hillsdale	3793	82	383	3
2021/05/03 13:53:40	Houghton	2452	32	595	8
2021/05/03 13:53:40	Huron	2970	68	1008	5
2021/05/03 13:53:40	Ingham	21851	343	1952	8
2021/05/03 13:53:40	Ionia	5705	75	86	3
2021/05/03 13:53:40	Iosco	1685	67	186	3
2021/05/03 13:53:40	Iron	944	42	65	9
2021/05/03 13:53:40	Isabella	5071	83	835	2
2021/05/03 13:53:40	Jackson	13950	254	980	7
2021/05/03 13:53:40	Kalamazoo	19057	321	2726	40
2021/05/03 13:53:40	Kalkaska	987	21	70	0
2021/05/03 13:53:40	Kent	64721	731	4229	62
2021/05/03 13:53:40	Keweenaw	142	1	31	1
2021/05/03 13:53:40	Lake	550	14	40	1
2021/05/03 13:53:40	Lapeer	7464	176	1313	1
2021/05/03 13:53:40	Leelanau	990	18	207	0
2021/05/03 13:53:40	Lenawee	8296	146	648	5
2021/05/03 13:53:40	Livingston	14144	159	1826	13

2021/05/03 13:53:40	Luce	178	1	186	1
2021/05/03 13:53:40	Mackinac	395	3	225	0
2021/05/03 13:53:40	Macomb	87978	2139	7568	120
2021/05/03 13:53:40	Manistee	1067	19	75	3
2021/05/03 13:53:40	Marquette	4127	57	794	1
2021/05/03 13:53:40	Mason	1902	32	121	0
2021/05/03 13:53:40	Mecosta	2829	30	159	0
2021/05/03 13:53:40	Menominee	1744	39	317	2
2021/05/03 13:53:40	Midland	6421	75	708	3
2021/05/03 13:53:40	Missaukee	1194	15	226	8
2021/05/03 13:53:40	Monroe	12247	221	2416	19
2021/05/03 13:53:40	Montcalm	4956	101	523	2
2021/05/03 13:53:40	Montmorency	469	18	84	1
2021/05/03 13:53:40	Muskegon	14183	320	488	8
2021/05/03 13:53:40	Newaygo	4194	56	288	2
2021/05/03 13:53:40	Oakland	97521	2085	14418	126
2021/05/03 13:53:40	Oceana	2498	52	122	2
2021/05/03 13:53:40	Ogemaw	1324	35	250	1
2021/05/03 13:53:40	Ontonagon	397	20	57	1
2021/05/03 13:53:40	Osceola	1562	27	247	0
2021/05/03 13:53:40	Oscoda	502	22	91	2
2021/05/03 13:53:40	Otsego	1838	32	373	4
2021/05/03 13:53:40	Ottawa	28794	356	2218	42
2021/05/03 13:53:40	Presque Isle	832	30	148	1
2021/05/03 13:53:40	Roscommon	1548	45	265	2
2021/05/03 13:53:40	Saginaw	18755	553	1210	15
2021/05/03 13:53:40	Sanilac	3631	97	497	6
2021/05/03 13:53:40	Schoolcraft	298	4	61	1
2021/05/03 13:53:40	Shiawassee	5410	94	647	2
2021/05/03 13:53:40	St Clair	14761	369	2698	20
2021/05/03 13:53:40	St Joseph	5189	88	704	6
2021/05/03 13:53:40	Tuscola	4708	152	716	11
2021/05/03 13:53:40	Van Buren	6333	103	437	13
2021/05/03 13:53:40	Washtenaw	23271	264	2275	6
2021/05/03 13:53:40	Wayne	97238	2348	7931	140
2021/05/03 13:53:40	Wexford	2422	37	297	3
2021/05/03 13:53:40	MDOC	25725	150	828	3
2021/05/03 13:53:40	FCI	311	5	5	0
2021/05/03 13:53:40	Out-of-State	1782	12	123	2
2021/05/03 13:53:40	Unknown	4	0	21	0
2021/05/03 13:53:40	Detroit City	47698	2034	3697	133

# PUBLIC USE DATASETS

## Cases by Demographics Statewide

### README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

# **CASES BY DEMOGRAPHICS STATEWIDE 2021-05-03**

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	126	0
Confirmed	10-19	American Indian/Alaska Native	Female	306	0
Confirmed	20-29	American Indian/Alaska Native	Female	466	0
Confirmed	30-39	American Indian/Alaska Native	Female	347	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	323	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Female	317	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Female	196	9
Confirmed	70-79	American Indian/Alaska Native	Female	100	10
Confirmed	80+	American Indian/Alaska Native	Female	41	9
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	242	0
Confirmed	10-19	Asian/Pacific Islander	Female	766	0
Confirmed	20-29	Asian/Pacific Islander	Female	1386	0
Confirmed	30-39	Asian/Pacific Islander	Female	1196	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	1048	0
Confirmed	50-59	Asian/Pacific Islander	Female	856	7
Confirmed	60-69	Asian/Pacific Islander	Female	456	10
Confirmed	70-79	Asian/Pacific Islander	Female	227	24
Confirmed	80+	Asian/Pacific Islander	Female	139	36
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	2177	Suppressed
Confirmed	10-19	Black/African American	Female	4913	Suppressed
Confirmed	20-29	Black/African American	Female	10583	15
Confirmed	30-39	Black/African American	Female	9375	23
Confirmed	40-49	Black/African American	Female	7645	76
Confirmed	50-59	Black/African American	Female	6589	172
Confirmed	60-69	Black/African American	Female	5234	375
Confirmed	70-79	Black/African American	Female	2944	487
Confirmed	80+	Black/African American	Female	1902	621
Confirmed	Unknown	Black/African American	Female	18	0
Confirmed	0-9	Multiple Races	Female	698	0
Confirmed	10-19	Multiple Races	Female	2115	Suppressed
Confirmed	20-29	Multiple Races	Female	2852	0
Confirmed	30-39	Multiple Races	Female	2051	0
Confirmed	40-49	Multiple Races	Female	2096	Suppressed
Confirmed	50-59	Multiple Races	Female	2128	11
Confirmed	60-69	Multiple Races	Female	1522	14
Confirmed	70-79	Multiple Races	Female	832	31
Confirmed	80+	Multiple Races	Female	531	65
Confirmed	Unknown	Multiple Races	Female	11	0
Confirmed	0-9	Other	Female	1209	Suppressed
Confirmed	10-19	Other	Female	3009	Suppressed
Confirmed	20-29	Other	Female	4841	0
Confirmed	30-39	Other	Female	3759	Suppressed
Confirmed	40-49	Other	Female	3441	8
Confirmed	50-59	Other	Female	2737	16
Confirmed	60-69	Other	Female	1649	41

Confirmed	70-79	Other	Female	792	46
Confirmed	80+	Other	Female	545	82
Confirmed	Unknown	Other	Female	9	0
Confirmed	0-9	Unknown	Female	2620	0
Confirmed	10-19	Unknown	Female	9554	0
Confirmed	20-29	Unknown	Female	17438	Suppressed
Confirmed	30-39	Unknown	Female	14185	Suppressed
Confirmed	40-49	Unknown	Female	14254	12
Confirmed	50-59	Unknown	Female	14523	22
Confirmed	60-69	Unknown	Female	8448	64
Confirmed	70-79	Unknown	Female	3723	102
Confirmed	80+	Unknown	Female	2641	259
Confirmed	Unknown	Unknown	Female	114	0
Confirmed	0-9	White	Female	8155	0
Confirmed	10-19	White	Female	30077	Suppressed
Confirmed	20-29	White	Female	45829	20
Confirmed	30-39	White	Female	35778	27
Confirmed	40-49	White	Female	34329	75
Confirmed	50-59	White	Female	36300	254
Confirmed	60-69	White	Female	27795	662
Confirmed	70-79	White	Female	16685	1266
Confirmed	80+	White	Female	14046	3204
Confirmed	Unknown	White	Female	109	0
Confirmed	0-9	American Indian/Alaska Native	Male	114	0
Confirmed	10-19	American Indian/Alaska Native	Male	320	0
Confirmed	20-29	American Indian/Alaska Native	Male	374	0
Confirmed	30-39	American Indian/Alaska Native	Male	326	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	308	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	253	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	203	23
Confirmed	70-79	American Indian/Alaska Native	Male	88	13
Confirmed	80+	American Indian/Alaska Native	Male	35	9
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	303	0
Confirmed	10-19	Asian/Pacific Islander	Male	781	0
Confirmed	20-29	Asian/Pacific Islander	Male	1590	0
Confirmed	30-39	Asian/Pacific Islander	Male	1153	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	911	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	805	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	464	29
Confirmed	70-79	Asian/Pacific Islander	Male	204	40
Confirmed	80+	Asian/Pacific Islander	Male	101	33
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	2197	0
Confirmed	10-19	Black/African American	Male	4400	Suppressed
Confirmed	20-29	Black/African American	Male	9756	18
Confirmed	30-39	Black/African American	Male	9383	44
Confirmed	40-49	Black/African American	Male	7998	119
Confirmed	50-59	Black/African American	Male	7303	283
Confirmed	60-69	Black/African American	Male	5242	513

Confirmed	70-79	Black/African American	Male	2655	611
Confirmed	80+	Black/African American	Male	1094	436
Confirmed	Unknown	Black/African American	Male	7	0
Confirmed	0-9	Multiple Races	Male	756	Suppressed
Confirmed	10-19	Multiple Races	Male	2076	0
Confirmed	20-29	Multiple Races	Male	2408	0
Confirmed	30-39	Multiple Races	Male	1695	Suppressed
Confirmed	40-49	Multiple Races	Male	1663	Suppressed
Confirmed	50-59	Multiple Races	Male	1688	9
Confirmed	60-69	Multiple Races	Male	1435	39
Confirmed	70-79	Multiple Races	Male	765	40
Confirmed	80+	Multiple Races	Male	328	50
Confirmed	Unknown	Multiple Races	Male	7	0
Confirmed	0-9	Other	Male	1257	0
Confirmed	10-19	Other	Male	3074	0
Confirmed	20-29	Other	Male	4988	Suppressed
Confirmed	30-39	Other	Male	3941	6
Confirmed	40-49	Other	Male	3709	20
Confirmed	50-59	Other	Male	3082	31
Confirmed	60-69	Other	Male	1776	78
Confirmed	70-79	Other	Male	755	71
Confirmed	80+	Other	Male	325	67
Confirmed	Unknown	Other	Male	7	0
Confirmed	0-9	Unknown	Male	2775	0
Confirmed	10-19	Unknown	Male	9055	Suppressed
Confirmed	20-29	Unknown	Male	17854	Suppressed
Confirmed	30-39	Unknown	Male	14761	11
Confirmed	40-49	Unknown	Male	13539	28
Confirmed	50-59	Unknown	Male	14433	44
Confirmed	60-69	Unknown	Male	8292	96
Confirmed	70-79	Unknown	Male	3136	147
Confirmed	80+	Unknown	Male	1456	171
Confirmed	Unknown	Unknown	Male	137	0
Confirmed	0-9	White	Male	8945	0
Confirmed	10-19	White	Male	28368	Suppressed
Confirmed	20-29	White	Male	39823	25
Confirmed	30-39	White	Male	32671	47
Confirmed	40-49	White	Male	31796	137
Confirmed	50-59	White	Male	35682	433
Confirmed	60-69	White	Male	28300	1083
Confirmed	70-79	White	Male	16426	1912
Confirmed	80+	White	Male	9478	2837
Confirmed	Unknown	White	Male	87	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	7	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	17	0
Confirmed	20-29	Black/African American	Unknown	127	0
Confirmed	30-39	Black/African American	Unknown	111	0
Confirmed	40-49	Black/African American	Unknown	115	0
Confirmed	50-59	Black/African American	Unknown	90	0
Confirmed	60-69	Black/African American	Unknown	41	0
Confirmed	70-79	Black/African American	Unknown	11	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	6	0
Confirmed	10-19	Multiple Races	Unknown	13	0
Confirmed	20-29	Multiple Races	Unknown	23	0
Confirmed	30-39	Multiple Races	Unknown	15	0
Confirmed	40-49	Multiple Races	Unknown	16	0
Confirmed	50-59	Multiple Races	Unknown	12	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	18	0
Confirmed	10-19	Other	Unknown	21	0
Confirmed	20-29	Other	Unknown	45	0
Confirmed	30-39	Other	Unknown	41	0
Confirmed	40-49	Other	Unknown	61	0
Confirmed	50-59	Other	Unknown	34	0
Confirmed	60-69	Other	Unknown	19	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	10	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	119	0
Confirmed	10-19	Unknown	Unknown	340	0
Confirmed	20-29	Unknown	Unknown	616	0
Confirmed	30-39	Unknown	Unknown	436	0
Confirmed	40-49	Unknown	Unknown	433	0
Confirmed	50-59	Unknown	Unknown	395	0
Confirmed	60-69	Unknown	Unknown	206	0

Confirmed	70-79	Unknown	Unknown	91	0
Confirmed	80+	Unknown	Unknown	61	0
Confirmed	Unknown	Unknown	Unknown	64	0
Confirmed	0-9	White	Unknown	29	0
Confirmed	10-19	White	Unknown	148	0
Confirmed	20-29	White	Unknown	251	0
Confirmed	30-39	White	Unknown	221	0
Confirmed	40-49	White	Unknown	206	0
Confirmed	50-59	White	Unknown	192	0
Confirmed	60-69	White	Unknown	130	0
Confirmed	70-79	White	Unknown	61	0
Confirmed	80+	White	Unknown	22	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	37	0
Probable	10-19	American Indian/Alaska Native	Female	66	0
Probable	20-29	American Indian/Alaska Native	Female	78	0
Probable	30-39	American Indian/Alaska Native	Female	62	0
Probable	40-49	American Indian/Alaska Native	Female	58	0
Probable	50-59	American Indian/Alaska Native	Female	36	0
Probable	60-69	American Indian/Alaska Native	Female	31	0
Probable	70-79	American Indian/Alaska Native	Female	9	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	30	0
Probable	10-19	Asian/Pacific Islander	Female	82	0
Probable	20-29	Asian/Pacific Islander	Female	144	0
Probable	30-39	Asian/Pacific Islander	Female	101	0
Probable	40-49	Asian/Pacific Islander	Female	80	0
Probable	50-59	Asian/Pacific Islander	Female	77	0
Probable	60-69	Asian/Pacific Islander	Female	37	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	15	Suppressed
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	6	0
Probable	0-9	Black/African American	Female	186	0
Probable	10-19	Black/African American	Female	455	0
Probable	20-29	Black/African American	Female	891	Suppressed
Probable	30-39	Black/African American	Female	745	0
Probable	40-49	Black/African American	Female	610	Suppressed
Probable	50-59	Black/African American	Female	474	11
Probable	60-69	Black/African American	Female	316	19
Probable	70-79	Black/African American	Female	118	17
Probable	80+	Black/African American	Female	81	34
Probable	Unknown	Black/African American	Female	30	Suppressed
Probable	0-9	Multiple Races	Female	124	0
Probable	10-19	Multiple Races	Female	262	0
Probable	20-29	Multiple Races	Female	229	0
Probable	30-39	Multiple Races	Female	146	0
Probable	40-49	Multiple Races	Female	153	0
Probable	50-59	Multiple Races	Female	147	Suppressed
Probable	60-69	Multiple Races	Female	99	Suppressed



Probable	70-79	Multiple Races	Female	42	0
Probable	80+	Multiple Races	Female	30	7
Probable	Unknown	Multiple Races	Female	50	0
Probable	0-9	Other	Female	84	0
Probable	10-19	Other	Female	207	Suppressed
Probable	20-29	Other	Female	273	0
Probable	30-39	Other	Female	207	0
Probable	40-49	Other	Female	180	0
Probable	50-59	Other	Female	131	Suppressed
Probable	60-69	Other	Female	74	Suppressed
Probable	70-79	Other	Female	30	0
Probable	80+	Other	Female	13	Suppressed
Probable	Unknown	Other	Female	18	0
Probable	0-9	Unknown	Female	648	0
Probable	10-19	Unknown	Female	1986	0
Probable	20-29	Unknown	Female	2673	0
Probable	30-39	Unknown	Female	2008	0
Probable	40-49	Unknown	Female	2017	0
Probable	50-59	Unknown	Female	1864	Suppressed
Probable	60-69	Unknown	Female	1210	Suppressed
Probable	70-79	Unknown	Female	447	Suppressed
Probable	80+	Unknown	Female	280	25
Probable	Unknown	Unknown	Female	1463	0
Probable	0-9	White	Female	1479	0
Probable	10-19	White	Female	4128	Suppressed
Probable	20-29	White	Female	4487	0
Probable	30-39	White	Female	3638	Suppressed
Probable	40-49	White	Female	3544	7
Probable	50-59	White	Female	3376	21
Probable	60-69	White	Female	2128	39
Probable	70-79	White	Female	1095	79
Probable	80+	White	Female	1259	285
Probable	Unknown	White	Female	379	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	36	0
Probable	10-19	American Indian/Alaska Native	Male	92	0
Probable	20-29	American Indian/Alaska Native	Male	67	0
Probable	30-39	American Indian/Alaska Native	Male	53	0
Probable	40-49	American Indian/Alaska Native	Male	45	0
Probable	50-59	American Indian/Alaska Native	Male	43	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	22	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	7	Suppressed
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	44	0
Probable	10-19	Asian/Pacific Islander	Male	87	0
Probable	20-29	Asian/Pacific Islander	Male	147	0
Probable	30-39	Asian/Pacific Islander	Male	111	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	70	0
Probable	50-59	Asian/Pacific Islander	Male	55	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	24	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	8	Suppressed
Probable	80+	Asian/Pacific Islander	Male	7	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	204	0
Probable	10-19	Black/African American	Male	441	Suppressed
Probable	20-29	Black/African American	Male	678	0
Probable	30-39	Black/African American	Male	602	Suppressed
Probable	40-49	Black/African American	Male	479	8
Probable	50-59	Black/African American	Male	426	13
Probable	60-69	Black/African American	Male	256	25
Probable	70-79	Black/African American	Male	95	34
Probable	80+	Black/African American	Male	41	21
Probable	Unknown	Black/African American	Male	18	0
Probable	0-9	Multiple Races	Male	111	0
Probable	10-19	Multiple Races	Male	254	0
Probable	20-29	Multiple Races	Male	171	0
Probable	30-39	Multiple Races	Male	128	0
Probable	40-49	Multiple Races	Male	138	Suppressed
Probable	50-59	Multiple Races	Male	113	0
Probable	60-69	Multiple Races	Male	80	Suppressed
Probable	70-79	Multiple Races	Male	37	Suppressed
Probable	80+	Multiple Races	Male	17	7
Probable	Unknown	Multiple Races	Male	52	0
Probable	0-9	Other	Male	91	0
Probable	10-19	Other	Male	228	0
Probable	20-29	Other	Male	272	0
Probable	30-39	Other	Male	223	0
Probable	40-49	Other	Male	196	Suppressed
Probable	50-59	Other	Male	126	Suppressed
Probable	60-69	Other	Male	79	Suppressed
Probable	70-79	Other	Male	28	Suppressed
Probable	80+	Other	Male	8	Suppressed
Probable	Unknown	Other	Male	15	0
Probable	0-9	Unknown	Male	660	0
Probable	10-19	Unknown	Male	1947	0
Probable	20-29	Unknown	Male	2540	0
Probable	30-39	Unknown	Male	1973	Suppressed
Probable	40-49	Unknown	Male	1777	Suppressed
Probable	50-59	Unknown	Male	1784	Suppressed
Probable	60-69	Unknown	Male	996	Suppressed
Probable	70-79	Unknown	Male	351	8
Probable	80+	Unknown	Male	174	16
Probable	Unknown	Unknown	Male	1260	0
Probable	0-9	White	Male	1564	Suppressed
Probable	10-19	White	Male	4073	Suppressed
Probable	20-29	White	Male	3897	Suppressed
Probable	30-39	White	Male	3074	Suppressed
Probable	40-49	White	Male	2986	8
Probable	50-59	White	Male	3077	25
Probable	60-69	White	Male	1956	65

Probable	70-79	White	Male	943	105
Probable	80+	White	Male	664	180
Probable	Unknown	White	Male	322	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	6	0
Probable	10-19	Black/African American	Unknown	7	0
Probable	20-29	Black/African American	Unknown	9	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	6	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	6	0
Probable	0-9	Multiple Races	Unknown	8	0
Probable	10-19	Multiple Races	Unknown	20	0
Probable	20-29	Multiple Races	Unknown	14	0
Probable	30-39	Multiple Races	Unknown	16	0
Probable	40-49	Multiple Races	Unknown	12	0
Probable	50-59	Multiple Races	Unknown	9	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	11	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	208	0
Probable	10-19	Unknown	Unknown	504	Suppressed
Probable	20-29	Unknown	Unknown	720	0
Probable	30-39	Unknown	Unknown	569	0
Probable	40-49	Unknown	Unknown	617	Suppressed
Probable	50-59	Unknown	Unknown	492	Suppressed
Probable	60-69	Unknown	Unknown	272	0
Probable	70-79	Unknown	Unknown	108	Suppressed
Probable	80+	Unknown	Unknown	40	Suppressed
Probable	Unknown	Unknown	Unknown	2064	0
Probable	0-9	White	Unknown	43	0
Probable	10-19	White	Unknown	106	0
Probable	20-29	White	Unknown	62	0
Probable	30-39	White	Unknown	61	0
Probable	40-49	White	Unknown	64	0
Probable	50-59	White	Unknown	64	0
Probable	60-69	White	Unknown	28	Suppressed
Probable	70-79	White	Unknown	24	0
Probable	80+	White	Unknown	9	0
Probable	Unknown	White	Unknown	48	0

# PUBLIC USE DATASETS

## COVID-19 Tests by County

### README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

# COVID-19 TESTS BY COUNTY 2021-05-03

Updated	COUNTY	TestType	Count	RatePerMillion
2021/05/03 13:53:56	Alcona	Diagnostic	7025	675156
2021/05/03 13:53:56	Alcona	Serology	174	16723
2021/05/03 13:53:56	Alcona	Total	7199	691879
2021/05/03 13:53:56	Alger	Diagnostic	8298	911067
2021/05/03 13:53:56	Alger	Serology	379	41612
2021/05/03 13:53:56	Alger	Total	8677	952679
2021/05/03 13:53:56	Allegan	Serology	2978	25220
2021/05/03 13:53:56	Allegan	Diagnostic	115207	975661
2021/05/03 13:53:56	Allegan	Total	118185	1000881
2021/05/03 13:53:56	Alpena	Serology	748	26333
2021/05/03 13:53:56	Alpena	Diagnostic	20472	720718
2021/05/03 13:53:56	Alpena	Total	21220	747052
2021/05/03 13:53:56	Antrim	Serology	802	34385
2021/05/03 13:53:56	Antrim	Diagnostic	21709	930758
2021/05/03 13:53:56	Antrim	Total	22511	965143
2021/05/03 13:53:56	Arenac	Diagnostic	15699	1054828
2021/05/03 13:53:56	Arenac	Serology	488	32789
2021/05/03 13:53:56	Arenac	Total	16187	1087617
2021/05/03 13:53:56	Baraga	Diagnostic	8286	1009380
2021/05/03 13:53:56	Baraga	Serology	60	7309
2021/05/03 13:53:56	Baraga	Total	8346	1016689
2021/05/03 13:53:56	Barry	Serology	1935	31438
2021/05/03 13:53:56	Barry	Diagnostic	58000	942323
2021/05/03 13:53:56	Barry	Total	59935	973761
2021/05/03 13:53:56	Bay	Serology	7234	70147
2021/05/03 13:53:56	Bay	Diagnostic	123717	1199668
2021/05/03 13:53:56	Bay	Total	130951	1269816
2021/05/03 13:53:56	Benzie	Diagnostic	12487	702859
2021/05/03 13:53:56	Benzie	Serology	768	43229
2021/05/03 13:53:56	Benzie	Total	13255	746088
2021/05/03 13:53:56	Berrien	Diagnostic	231365	1508237
2021/05/03 13:53:56	Berrien	Serology	6036	39348
2021/05/03 13:53:56	Berrien	Total	237401	1547584
2021/05/03 13:53:56	Branch	Diagnostic	40809	937771
2021/05/03 13:53:56	Branch	Serology	581	13351
2021/05/03 13:53:56	Branch	Total	41390	951123
2021/05/03 13:53:56	Calhoun	Diagnostic	193666	1443556
2021/05/03 13:53:56	Calhoun	Serology	1806	13462
2021/05/03 13:53:56	Calhoun	Total	195472	1457017
2021/05/03 13:53:56	Cass	Diagnostic	39047	753992
2021/05/03 13:53:56	Cass	Serology	759	14656
2021/05/03 13:53:56	Cass	Total	39806	768649
2021/05/03 13:53:56	Charlevoix	Diagnostic	22588	864017
2021/05/03 13:53:56	Charlevoix	Serology	1116	42688
2021/05/03 13:53:56	Charlevoix	Total	23704	906705
2021/05/03 13:53:56	Cheboygan	Diagnostic	15998	632932
2021/05/03 13:53:56	Cheboygan	Serology	619	24490

2021/05/03 13:53:56	Cheboygan	Total	16617	657422
2021/05/03 13:53:56	Chippewa	Diagnostic	25910	693727
2021/05/03 13:53:56	Chippewa	Serology	333	8916
2021/05/03 13:53:56	Chippewa	Total	26243	702643
2021/05/03 13:53:56	Clare	Serology	1036	33473
2021/05/03 13:53:56	Clare	Diagnostic	22436	724911
2021/05/03 13:53:56	Clare	Total	23472	758384
2021/05/03 13:53:56	Clinton	Diagnostic	57709	725033
2021/05/03 13:53:56	Clinton	Serology	4143	52051
2021/05/03 13:53:56	Clinton	Total	61852	777084
2021/05/03 13:53:56	Correctional	Diagnostic	856685	
2021/05/03 13:53:56	Correctional	Serology	25904	
2021/05/03 13:53:56	Correctional	Total	882589	
2021/05/03 13:53:56	Crawford	Diagnostic	10430	743460
2021/05/03 13:53:56	Crawford	Serology	362	25804
2021/05/03 13:53:56	Crawford	Total	10792	769264
2021/05/03 13:53:56	Delta	Diagnostic	40688	1137044
2021/05/03 13:53:56	Delta	Serology	848	23698
2021/05/03 13:53:56	Delta	Total	41536	1160742
2021/05/03 13:53:56	Detroit City	Serology	27082	41677
2021/05/03 13:53:56	Detroit City	Diagnostic	784035	1206572
2021/05/03 13:53:56	Detroit City	Total	811117	1248249
2021/05/03 13:53:56	Dickinson	Diagnostic	18772	743770
2021/05/03 13:53:56	Dickinson	Serology	177	7013
2021/05/03 13:53:56	Dickinson	Total	18949	750783
2021/05/03 13:53:56	Eaton	Diagnostic	124819	1131960
2021/05/03 13:53:56	Eaton	Serology	6236	56553
2021/05/03 13:53:56	Eaton	Total	131055	1188513
2021/05/03 13:53:56	Emmet	Serology	1544	46207
2021/05/03 13:53:56	Emmet	Diagnostic	29720	889421
2021/05/03 13:53:56	Emmet	Total	31264	935628
2021/05/03 13:53:56	Genesee	Serology	20119	49577
2021/05/03 13:53:56	Genesee	Diagnostic	387546	954987
2021/05/03 13:53:56	Genesee	Total	407665	1004564
2021/05/03 13:53:56	Gladwin	Serology	1195	46957
2021/05/03 13:53:56	Gladwin	Diagnostic	19534	767574
2021/05/03 13:53:56	Gladwin	Total	20729	814531
2021/05/03 13:53:56	Gogebic	Diagnostic	18061	1292379
2021/05/03 13:53:56	Gogebic	Serology	258	18462
2021/05/03 13:53:56	Gogebic	Total	18319	1310841
2021/05/03 13:53:56	Grand Traverse	Diagnostic	85896	922740
2021/05/03 13:53:56	Grand Traverse	Serology	6779	72824
2021/05/03 13:53:56	Grand Traverse	Total	92675	995563
2021/05/03 13:53:56	Gratiot	Diagnostic	56001	1375574
2021/05/03 13:53:56	Gratiot	Serology	1133	27830
2021/05/03 13:53:56	Gratiot	Total	57134	1403404
2021/05/03 13:53:56	Hillsdale	Diagnostic	44390	973358
2021/05/03 13:53:56	Hillsdale	Serology	1026	22498
2021/05/03 13:53:56	Hillsdale	Total	45416	995856
2021/05/03 13:53:56	Houghton	Diagnostic	46421	1300891

2021/05/03 13:53:56	Houghton	Serology	262	7342
2021/05/03 13:53:56	Houghton	Total	46683	1308233
2021/05/03 13:53:56	Huron	Diagnostic	29336	946903
2021/05/03 13:53:56	Huron	Serology	810	26145
2021/05/03 13:53:56	Huron	Total	30146	973048
2021/05/03 13:53:56	Ingham	Diagnostic	336651	1151314
2021/05/03 13:53:56	Ingham	Serology	19900	68056
2021/05/03 13:53:56	Ingham	Total	356551	1219370
2021/05/03 13:53:56	Ionia	Diagnostic	76610	1184135
2021/05/03 13:53:56	Ionia	Serology	2312	35736
2021/05/03 13:53:56	Ionia	Total	78922	1219871
2021/05/03 13:53:56	Iosco	Diagnostic	25386	1010308
2021/05/03 13:53:56	Iosco	Serology	620	24675
2021/05/03 13:53:56	Iosco	Total	26006	1034982
2021/05/03 13:53:56	Iron	Diagnostic	24686	2230797
2021/05/03 13:53:56	Iron	Serology	129	11657
2021/05/03 13:53:56	Iron	Total	24815	2242454
2021/05/03 13:53:56	Isabella	Diagnostic	57618	824622
2021/05/03 13:53:56	Isabella	Serology	1449	20738
2021/05/03 13:53:56	Isabella	Total	59067	845360
2021/05/03 13:53:56	Jackson	Serology	3810	24036
2021/05/03 13:53:56	Jackson	Diagnostic	218087	1375856
2021/05/03 13:53:56	Jackson	Total	221897	1399893
2021/05/03 13:53:56	Kalamazoo	Diagnostic	298103	1124637
2021/05/03 13:53:56	Kalamazoo	Serology	7131	26903
2021/05/03 13:53:56	Kalamazoo	Total	305234	1151540
2021/05/03 13:53:56	Kalkaska	Diagnostic	16809	931866
2021/05/03 13:53:56	Kalkaska	Serology	819	45404
2021/05/03 13:53:56	Kalkaska	Total	17628	977270
2021/05/03 13:53:56	Kent	Serology	46608	70945
2021/05/03 13:53:56	Kent	Diagnostic	886155	1348882
2021/05/03 13:53:56	Kent	Total	932763	1419828
2021/05/03 13:53:56	Keweenaw	Diagnostic	2202	1040643
2021/05/03 13:53:56	Keweenaw	Serology	31	14650
2021/05/03 13:53:56	Keweenaw	Total	2233	1055293
2021/05/03 13:53:56	Lake	Diagnostic	11149	940606
2021/05/03 13:53:56	Lake	Serology	220	18561
2021/05/03 13:53:56	Lake	Total	11369	959166
2021/05/03 13:53:56	Lapeer	Serology	3536	40362
2021/05/03 13:53:56	Lapeer	Diagnostic	67546	771011
2021/05/03 13:53:56	Lapeer	Total	71082	811374
2021/05/03 13:53:56	Leelanau	Diagnostic	12318	566059
2021/05/03 13:53:56	Leelanau	Serology	1086	49906
2021/05/03 13:53:56	Leelanau	Total	13404	615964
2021/05/03 13:53:56	Lenawee	Diagnostic	125478	1274522
2021/05/03 13:53:56	Lenawee	Serology	2193	22275
2021/05/03 13:53:56	Lenawee	Total	127671	1296797
2021/05/03 13:53:56	Livingston	Serology	8043	41892
2021/05/03 13:53:56	Livingston	Diagnostic	202639	1055439
2021/05/03 13:53:56	Livingston	Total	210682	1097331



2021/05/03 13:53:56	Luce	Diagnostic	5958	956494
2021/05/03 13:53:56	Luce	Serology	37	5940
2021/05/03 13:53:56	Luce	Total	5995	962434
2021/05/03 13:53:56	Mackinac	Diagnostic	8689	804612
2021/05/03 13:53:56	Mackinac	Serology	141	13057
2021/05/03 13:53:56	Mackinac	Total	8830	817668
2021/05/03 13:53:56	Macomb	Diagnostic	894407	1023382
2021/05/03 13:53:56	Macomb	Serology	61528	70400
2021/05/03 13:53:56	Macomb	Total	955935	1093782
2021/05/03 13:53:56	Manistee	Serology	955	38888
2021/05/03 13:53:56	Manistee	Diagnostic	19113	778280
2021/05/03 13:53:56	Manistee	Total	20068	817168
2021/05/03 13:53:56	Marquette	Serology	1358	20360
2021/05/03 13:53:56	Marquette	Diagnostic	128393	1924961
2021/05/03 13:53:56	Marquette	Total	129751	1945322
2021/05/03 13:53:56	Mason	Diagnostic	32934	1130044
2021/05/03 13:53:56	Mason	Serology	1024	35136
2021/05/03 13:53:56	Mason	Total	33958	1165180
2021/05/03 13:53:56	Mecosta	Diagnostic	39197	902055
2021/05/03 13:53:56	Mecosta	Serology	1006	23151
2021/05/03 13:53:56	Mecosta	Total	40203	925207
2021/05/03 13:53:56	Menominee	Diagnostic	24332	1068130
2021/05/03 13:53:56	Menominee	Serology	150	6585
2021/05/03 13:53:56	Menominee	Total	24482	1074715
2021/05/03 13:53:56	Midland	Diagnostic	64533	776047
2021/05/03 13:53:56	Midland	Serology	7562	90938
2021/05/03 13:53:56	Midland	Total	72095	866985
2021/05/03 13:53:56	Missaukee	Diagnostic	10556	698241
2021/05/03 13:53:56	Missaukee	Serology	657	43458
2021/05/03 13:53:56	Missaukee	Total	11213	741699
2021/05/03 13:53:56	Monroe	Diagnostic	155184	1031123
2021/05/03 13:53:56	Monroe	Serology	5978	39721
2021/05/03 13:53:56	Monroe	Total	161162	1070844
2021/05/03 13:53:56	Montcalm	Diagnostic	76769	1201618
2021/05/03 13:53:56	Montcalm	Serology	2413	37769
2021/05/03 13:53:56	Montcalm	Total	79182	1239388
2021/05/03 13:53:56	Montmorency	Diagnostic	7805	836728
2021/05/03 13:53:56	Montmorency	Serology	399	42774
2021/05/03 13:53:56	Montmorency	Total	8204	879503
2021/05/03 13:53:56	Muskegon	Diagnostic	204409	1177702
2021/05/03 13:53:56	Muskegon	Serology	3665	21116
2021/05/03 13:53:56	Muskegon	Total	208074	1198818
2021/05/03 13:53:56	Newaygo	Diagnostic	44367	905819
2021/05/03 13:53:56	Newaygo	Serology	1716	35035
2021/05/03 13:53:56	Newaygo	Total	46083	940853
2021/05/03 13:53:56	Oakland	Serology	114787	91276
2021/05/03 13:53:56	Oakland	Diagnostic	1386247	1102310
2021/05/03 13:53:56	Oakland	Total	1501034	1193585
2021/05/03 13:53:56	Oceana	Serology	888	33551
2021/05/03 13:53:56	Oceana	Diagnostic	34841	1316394

2021/05/03 13:53:56	Oceana	Total	35729	1349945
2021/05/03 13:53:56	Ogemaw	Diagnostic	18317	872363
2021/05/03 13:53:56	Ogemaw	Serology	582	27718
2021/05/03 13:53:56	Ogemaw	Total	18899	900081
2021/05/03 13:53:56	Ontonagon	Diagnostic	7413	1295979
2021/05/03 13:53:56	Ontonagon	Serology	72	12587
2021/05/03 13:53:56	Ontonagon	Total	7485	1308566
2021/05/03 13:53:56	Osceola	Serology	999	42583
2021/05/03 13:53:56	Osceola	Diagnostic	24375	1039003
2021/05/03 13:53:56	Osceola	Total	25374	1081586
2021/05/03 13:53:56	Oscoda	Serology	384	46596
2021/05/03 13:53:56	Oscoda	Diagnostic	5401	655382
2021/05/03 13:53:56	Oscoda	Total	5785	701978
2021/05/03 13:53:56	Otsego	Diagnostic	21640	877250
2021/05/03 13:53:56	Otsego	Serology	970	39322
2021/05/03 13:53:56	Otsego	Total	22610	916572
2021/05/03 13:53:56	Ottawa	Diagnostic	372222	1275475
2021/05/03 13:53:56	Ottawa	Serology	14623	50108
2021/05/03 13:53:56	Ottawa	Total	386845	1325583
2021/05/03 13:53:56	Presque Isle	Diagnostic	10418	827351
2021/05/03 13:53:56	Presque Isle	Serology	556	44155
2021/05/03 13:53:56	Presque Isle	Total	10974	871506
2021/05/03 13:53:56	Roscommon	Serology	704	29310
2021/05/03 13:53:56	Roscommon	Diagnostic	19050	793122
2021/05/03 13:53:56	Roscommon	Total	19754	822432
2021/05/03 13:53:56	Saginaw	Serology	9588	50320
2021/05/03 13:53:56	Saginaw	Diagnostic	244333	1282325
2021/05/03 13:53:56	Saginaw	Total	253921	1332646
2021/05/03 13:53:56	Sanilac	Serology	1397	33932
2021/05/03 13:53:56	Sanilac	Diagnostic	50390	1223949
2021/05/03 13:53:56	Sanilac	Total	51787	1257882
2021/05/03 13:53:56	Schoolcraft	Diagnostic	6216	767976
2021/05/03 13:53:56	Schoolcraft	Serology	65	8031
2021/05/03 13:53:56	Schoolcraft	Total	6281	776007
2021/05/03 13:53:56	Shiawassee	Serology	2575	37800
2021/05/03 13:53:56	Shiawassee	Diagnostic	68593	1006914
2021/05/03 13:53:56	Shiawassee	Total	71168	1044714
2021/05/03 13:53:56	St Clair	Serology	8244	51807
2021/05/03 13:53:56	St Clair	Diagnostic	144663	909098
2021/05/03 13:53:56	St Clair	Total	152907	960906
2021/05/03 13:53:56	St Joseph	Serology	1638	26868
2021/05/03 13:53:56	St Joseph	Diagnostic	56365	924562
2021/05/03 13:53:56	St Joseph	Total	58003	951430
2021/05/03 13:53:56	Tuscola	Serology	2214	42377
2021/05/03 13:53:56	Tuscola	Diagnostic	61032	1168188
2021/05/03 13:53:56	Tuscola	Total	63246	1210566
2021/05/03 13:53:56	Unknown	Serology	26213	
2021/05/03 13:53:56	Unknown	Diagnostic	550458	
2021/05/03 13:53:56	Unknown	Total	576671	
2021/05/03 13:53:56	Van Buren	Diagnostic	93507	1235607

2021/05/03 13:53:56	Van Buren	Serology	1757	23217
2021/05/03 13:53:56	Van Buren	Total	95264	1258824
2021/05/03 13:53:56	Washtenaw	Serology	17594	47862
2021/05/03 13:53:56	Washtenaw	Diagnostic	721080	1961583
2021/05/03 13:53:56	Washtenaw	Total	738674	2009445
2021/05/03 13:53:56	Wayne	Serology	76410	69224
2021/05/03 13:53:56	Wayne	Diagnostic	1382872	1252815
2021/05/03 13:53:56	Wayne	Total	1459282	1322039
2021/05/03 13:53:56	Wexford	Serology	1281	38090
2021/05/03 13:53:56	Wexford	Diagnostic	29676	882400
2021/05/03 13:53:56	Wexford	Total	30957	920490

# PUBLIC USE DATASETS

## Diagnostic Tests by Result and County

### README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

# DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-05-03

MessageDate	COUNTY	Negative	Positive	Total
5/2/2021	Alcona	7	2	9
5/2/2021	Alger	10	1	11
5/2/2021	Allegan	272	40	312
5/2/2021	Alpena	21	5	26
5/2/2021	Antrim	36	8	44
5/2/2021	Arenac	46	8	54
5/2/2021	Baraga	8	0	8
5/2/2021	Barry	136	23	159
5/2/2021	Bay	212	39	251
5/2/2021	Benzie	10	1	11
5/2/2021	Berrien	527	66	593
5/2/2021	Branch	55	12	67
5/2/2021	Calhoun	240	37	277
5/2/2021	Cass	75	5	80
5/2/2021	Charlevoix	21	3	24
5/2/2021	Cheboygan	32	13	45
5/2/2021	Chippewa	34	2	36
5/2/2021	Clare	35	2	37
5/2/2021	Clinton	122	5	127
5/2/2021	Correctional	6431	23	6454
5/2/2021	Crawford	21	1	22
5/2/2021	Delta	74	11	85
5/2/2021	Detroit City	1334	250	1584
5/2/2021	Dickinson	10	0	10
5/2/2021	Eaton	280	33	313
5/2/2021	Emmet	47	8	55
5/2/2021	Genesee	734	158	892
5/2/2021	Gladwin	20	7	27
5/2/2021	Gogebic	8	1	9
5/2/2021	Grand Traverse	137	19	156
5/2/2021	Gratiot	36	13	49
5/2/2021	Hillsdale	77	19	96
5/2/2021	Houghton	30	4	34
5/2/2021	Huron	28	5	33
5/2/2021	Ingham	600	79	679
5/2/2021	Ionia	165	21	186
5/2/2021	Iosco	75	11	86
5/2/2021	Iron	12	1	13
5/2/2021	Isabella	82	9	91
5/2/2021	Jackson	539	36	575
5/2/2021	Kalamazoo	477	79	556
5/2/2021	Kalkaska	34	5	39
5/2/2021	Kent	2211	296	2507
5/2/2021	Keweenaw	2	0	2
5/2/2021	Lake	21	1	22
5/2/2021	Lapeer	157	50	207
5/2/2021	Leelanau	10	3	13

5/2/2021	Lenawee	162	28	190
5/2/2021	Livingston	619	54	673
5/2/2021	Luce	19	0	19
5/2/2021	Mackinac	20	1	21
5/2/2021	Macomb	1443	275	1718
5/2/2021	Manistee	27	2	29
5/2/2021	Marquette	113	8	121
5/2/2021	Mason	101	14	115
5/2/2021	Mecosta	86	12	98
5/2/2021	Menominee	30	3	33
5/2/2021	Midland	71	15	86
5/2/2021	Missaukee	20	2	22
5/2/2021	Monroe	277	31	308
5/2/2021	Montcalm	132	23	155
5/2/2021	Montmorency	25	11	36
5/2/2021	Muskegon	472	71	543
5/2/2021	Newaygo	131	22	153
5/2/2021	Oakland	2557	253	2810
5/2/2021	Oceana	79	18	97
5/2/2021	Ogemaw	16	8	24
5/2/2021	Ontonagon	8	0	8
5/2/2021	Osceola	47	8	55
5/2/2021	Oscoda	22	4	26
5/2/2021	Otsego	59	7	66
5/2/2021	Ottawa	772	150	922
5/2/2021	Presque Isle	18	3	21
5/2/2021	Roscommon	42	3	45
5/2/2021	Saginaw	436	60	496
5/2/2021	Sanilac	50	19	69
5/2/2021	Schoolcraft	4	0	4
5/2/2021	Shiawassee	111	21	132
5/2/2021	St Clair	208	29	237
5/2/2021	St Joseph	54	14	68
5/2/2021	Tuscola	97	23	120
5/2/2021	Unknown	778	55	833
5/2/2021	Van Buren	149	15	164
5/2/2021	Washtenaw	2991	59	3050
5/2/2021	Wayne	3075	336	3411
5/2/2021	Wexford	73	8	81
5/1/2021	Alcona	19	2	21
5/1/2021	Alger	4	0	4
5/1/2021	Allegan	184	18	202
5/1/2021	Alpena	41	3	44
5/1/2021	Antrim	38	4	42
5/1/2021	Arenac	25	6	31
5/1/2021	Baraga	2	0	2
5/1/2021	Barry	108	18	126
5/1/2021	Bay	193	18	211
5/1/2021	Benzie	19	3	22
5/1/2021	Berrien	306	41	347

5/1/2021	Branch	49	6	55
5/1/2021	Calhoun	275	23	298
5/1/2021	Cass	73	6	79
5/1/2021	Charlevoix	29	1	30
5/1/2021	Cheboygan	30	3	33
5/1/2021	Chippewa	155	0	155
5/1/2021	Clare	41	4	45
5/1/2021	Clinton	78	5	83
5/1/2021	Correctional	4273	13	4286
5/1/2021	Crawford	6	3	9
5/1/2021	Delta	44	3	47
5/1/2021	Detroit City	1891	348	2239
5/1/2021	Dickinson	23	4	27
5/1/2021	Eaton	173	15	188
5/1/2021	Emmet	65	3	68
5/1/2021	Genesee	655	127	782
5/1/2021	Gladwin	34	5	39
5/1/2021	Gogebic	25	3	28
5/1/2021	Grand Traverse	96	7	103
5/1/2021	Gratiot	102	8	110
5/1/2021	Hillsdale	63	13	76
5/1/2021	Houghton	56	1	57
5/1/2021	Huron	37	9	46
5/1/2021	Ingham	360	35	395
5/1/2021	Ionia	72	7	79
5/1/2021	Iosco	46	4	50
5/1/2021	Iron	16	2	18
5/1/2021	Isabella	93	13	106
5/1/2021	Jackson	243	28	271
5/1/2021	Kalamazoo	449	50	499
5/1/2021	Kalkaska	30	3	33
5/1/2021	Kent	1267	175	1442
5/1/2021	Keweenaw	3	0	3
5/1/2021	Lake	17	3	20
5/1/2021	Lapeer	80	14	94
5/1/2021	Leelanau	12	0	12
5/1/2021	Lenawee	142	19	161
5/1/2021	Livingston	371	33	404
5/1/2021	Luce	3	4	7
5/1/2021	Mackinac	11	0	11
5/1/2021	Macomb	1821	335	2156
5/1/2021	Manistee	20	2	22
5/1/2021	Marquette	66	11	77
5/1/2021	Mason	50	8	58
5/1/2021	Mecosta	60	5	65
5/1/2021	Menominee	36	5	41
5/1/2021	Midland	77	17	94
5/1/2021	Missaukee	14	7	21
5/1/2021	Monroe	216	41	257
5/1/2021	Montcalm	87	13	100

5/1/2021	Montmorency	18	0	18
5/1/2021	Muskegon	511	76	587
5/1/2021	Newaygo	103	14	117
5/1/2021	Oakland	2712	324	3036
5/1/2021	Oceana	58	7	65
5/1/2021	Ogemaw	15	3	18
5/1/2021	Ontonagon	17	0	17
5/1/2021	Osceola	36	3	39
5/1/2021	Oscoda	4	1	5
5/1/2021	Otsego	29	6	35
5/1/2021	Ottawa	550	71	621
5/1/2021	Presque Isle	36	1	37
5/1/2021	Roscommon	27	1	28
5/1/2021	Saginaw	262	50	312
5/1/2021	Sanilac	31	10	41
5/1/2021	Schoolcraft	1	2	3
5/1/2021	Shiawassee	151	12	163
5/1/2021	St Clair	175	35	210
5/1/2021	St Joseph	77	13	90
5/1/2021	Tuscola	106	17	123
5/1/2021	Unknown	494	48	542
5/1/2021	Van Buren	120	15	135
5/1/2021	Washtenaw	1238	69	1307
5/1/2021	Wayne	2995	413	3408
5/1/2021	Wexford	39	9	48